

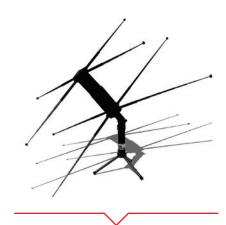
SE78 SERIES PORTABLE UHF ANTENNA SYSTEM (C125 ANTENNA AND ACCESSORIES)

The C125-2 adds to the current satellite communications product line and solves unique field transportation problems.

The C125-2 Antenna stores within a $4.4 \times 2.25 \times 2.25$ -inch configuration and weighs less than 1 pound. When deployed, this antenna provides a 100-watt capability with greater than +5 decibels of gain. Due to its unique packaging techniques, the antenna can be carried in a pocket and deployed within 30 seconds. The design houses all required electrical components and may be used for either handheld or tripod-mounted requirements.

Various carrying case options are available, which can provide for lightweight satellite communication (SATCOM) radio/accessory storage for complete system readiness capability.

### Prequency range							
VSWR Gain +5 dB respect to circular isotropic Impedance 50 ohms Polarization RHCP 3 dB beamwidth 100° nominal Radiation pattern Hemispherical Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	ELECTRICAL						
Gain +5 dB respect to circular isotropic Impedance 50 ohms Polarization RHCP 3 dB beamwidth 100° nominal Radiation pattern Hemispherical Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Frequency range		244-318 MHz				
Impedance 50 ohms Polarization RHCP 3 dB beamwidth 100° nominal Radiation pattern Hemispherical Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" × 2.25" × 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	VSWR		1.5:1				
Polarization RHCP 3 dB beamwidth 100° nominal Radiation pattern Hemispherical Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Gain		+5 dB respect to circular isotropic				
3 dB beamwidth 100° nominal Radiation pattern Hemispherical Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Impedance		50 ohms				
Radiation pattern Hemispherical Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Polarization		RHCP				
Power handling 100 W CW max MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	3 dB beamwidth		100° nominal				
MECHANICAL Connector BNC female Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Radiation pattern		Hemispherical				
Connector BNC female 1.0 lb 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Power handling		100 W CW max				
Weight 1.0 lb Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	MECHANICAL						
Deployment 30 seconds Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Connector		BNC female				
Antenna storage size 4.4" x 2.25" x 2.25" Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Weight		1.0 lb				
Finish Lusterless black ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Deployment		30 seconds				
ENVIRONMENTAL Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Antenna storage size		4.4" x 2.25" x 2.25"				
Operation temperature -25°F to +160°F Storage temperature -54°F to +250°F SYSTEM COMPONENTS	Finish		Lusterless black				
Storage temperature -54°F to +250°F SYSTEM COMPONENTS	ENVIRONMENTAL						
SYSTEM COMPONENTS	Operation temperature		-25°F to +160°F				
	Storage temperature		-54°F to +250°F				
Part no. Antenna Tripod Carry case Cable qty	SYSTEM COMPONENTS						
	Part no.	Antenna		Tripod	Carry case	Cable qty	
SE78-2 C125-2 EM5-1 CC2-1 -	SE78-2	C125-2		EM5-1	CC2-1	-	
SE78-2-2 C125-2 EM5-1 CC2-1 U133-1-1 (1)	SE78-2-2	C125-2		EM5-1	CC2-1	U133-1-1 (1)	



KEY FEATURES

- > Portable ultra-high frequency SATCOM antenna system
- > Rapid deployment
- > Smaller design for easy transport
- > Various carrying case options

For further details and specifications, contact the factory at antenna.info@L3Harris.com

SE78 Series Portable UHF Antenna System (C125 Antenna and Accessories)

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